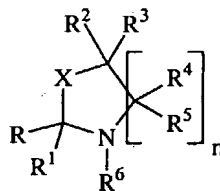


### Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims

1. (Original) A fragrance delivery system comprising:
  - A) from about 0.01% by weight, of a pro-fragrance component which comprises pro-fragrances or pro-accords selected from at least two of the following:
    - i) aldehyde and ketone releasing pro-fragrances;
    - ii)  $\beta$ -amino pro-fragrances; and
    - iii) orthoester pro-accords; and
  - B) the balance carriers and other adjunct ingredients.
2. (Currently amended) A composition according to Claim 1 further comprising ~~from about 1% by weight,~~ a fragrance raw material component ~~comprising~~ selected from the group consisting of: i) optionally at least 1% by weight, of a mixture of one or more base note fragrances; ii) optionally at least 1% by weight, of a mixture of one or more top or middle note fragrances; and iii) ~~optionally the balance carriers, fixatives, and other adjunct ingredients.~~ mixtures thereof.
3. (Currently amended) ~~A fragrance raw material delivery system comprising:~~ The composition according to Claim 1:
  - A) ~~from about 0.01% by weight, of a pro-fragrance component comprising:~~
    - a) ~~optionally at least 0.01% by weight, of an~~ wherein said aldehyde or ketone releasing pro-fragrance component, ~~said pro-fragrance having has~~ the formula:



wherein said pro-fragrance or pro-accord releases an aldehyde or a ketone fragrance raw material, wherein X is oxygen or sulfur; R is:

- i) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted linear alkyl;

- ii) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted branched alkyl;
- iii) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted linear alkenyl;
- iv) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted branched alkenyl;
- v) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted cycloalkyl;
- vi) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted branched cycloalkyl;
- vii) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted cycloalkenyl;
- viii) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted branched cycloalkenyl;
- ix) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted aryl;
- x) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted heterocyclicalkyl;
- xi) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted heterocyclicalkenyl;
- xii) and mixtures thereof;

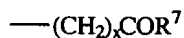
R<sup>1</sup> is:

- i) hydrogen;
- ii) C<sub>1</sub>-C<sub>10</sub> substituted or unsubstituted linear alkyl;
- iii) C<sub>3</sub>-C<sub>10</sub> substituted or unsubstituted branched alkyl;
- iv) C<sub>2</sub>-C<sub>10</sub> substituted or unsubstituted linear alkenyl;
- v) C<sub>3</sub>-C<sub>10</sub> substituted or unsubstituted branched alkenyl;
- vi) C<sub>3</sub>-C<sub>15</sub> substituted or unsubstituted cycloalkyl;
- vii) C<sub>4</sub>-C<sub>15</sub> substituted or unsubstituted branched cycloalkyl;
- viii) C<sub>4</sub>-C<sub>15</sub> substituted or unsubstituted cycloalkenyl;
- ix) C<sub>5</sub>-C<sub>15</sub> substituted or unsubstituted branched cycloalkenyl;
- x) C<sub>6</sub>-C<sub>15</sub> substituted or unsubstituted aryl;
- xi) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted heterocyclicalkyl;
- xii) C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted heterocyclicalkenyl;

R and R<sup>1</sup> can be taken together to form a substituted or unsubstituted ring having in the ring from 3 to 10 carbon atoms; and

each R<sup>2</sup>, R<sup>3</sup>, R<sup>6</sup> and each R<sup>4</sup> and R<sup>5</sup> pair are independently:

- i) R<sup>1</sup>;
- ii) hydroxyl;
- iii) a carbonyl comprising unit having the formula:



wherein R<sup>7</sup> is:

- a) -OH;

- b)  $-\text{OR}^8$  wherein  $\text{R}^8$  is hydrogen,  $\text{C}_1\text{-C}_{15}$  substituted or unsubstituted linear alkyl,  $\text{C}_1\text{-C}_{15}$  substituted or unsubstituted branched alkyl,  $\text{C}_2\text{-C}_{22}$  substituted or unsubstituted linear alkenyl,  $\text{C}_3\text{-C}_{22}$  substituted or unsubstituted branched alkenyl, or mixtures thereof; or  $\text{R}^8$  is M, wherein M is a water soluble cation of sufficient charge to render neutrality;
  - c)  $-\text{N}(\text{R}^9)_2$  wherein  $\text{R}^9$  is hydrogen,  $\text{C}_1\text{-C}_6$  substituted or unsubstituted linear alkyl,  $\text{C}_3\text{-C}_6$  substituted or unsubstituted branched alkyl, or mixtures thereof;
  - d)  $\text{C}_1\text{-C}_{22}$  substituted or unsubstituted linear alkyl;
  - e)  $\text{C}_1\text{-C}_{22}$  substituted or unsubstituted branched alkyl;
  - f)  $\text{C}_2\text{-C}_{22}$  substituted or unsubstituted linear alkenyl;
  - g)  $\text{C}_3\text{-C}_{22}$  substituted or unsubstituted branched alkenyl;
  - h)  $\text{C}_3\text{-C}_{22}$  substituted or unsubstituted cycloalkyl;
  - i)  $\text{C}_6\text{-C}_{22}$  substituted or unsubstituted aryl;
  - j)  $\text{C}_6\text{-C}_{22}$  substituted or unsubstituted heterocyclicalkyl;
  - k)  $\text{C}_6\text{-C}_{22}$  substituted or unsubstituted heterocyclicalkenyl;
- the index x is from 0 to 22;
- iv) alkyleneoxy units having the formula:



wherein each  $\text{R}^{10}$ ,  $\text{R}^{11}$ , and  $\text{R}^{12}$  is independently;

- a) hydrogen;
- b)  $-\text{OH}$ ;
- c)  $\text{C}_1\text{-C}_4$  alkyl;
- d) or mixtures thereof;

$\text{R}^{13}$  is:

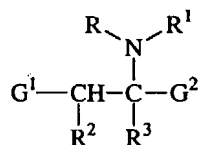
- a) hydrogen;
- b)  $\text{C}_1\text{-C}_4$  alkyl;
- c) or mixtures thereof;

$\text{R}^{14}$  is:

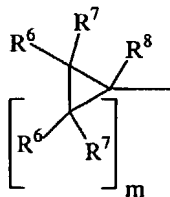
- a) hydrogen;
- b)  $\text{C}_1\text{-C}_4$  alkyl;

- c) or mixtures thereof;  
 $R^{10}$  and  $R^{11}$  can be taken together to form a  $C_3$ - $C_6$  spiroannulated ring, carbonyl unit, or mixtures thereof; y has the value from 0 to 10, z has the value from 1 to 50;
- v) any two  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ , or  $R^6$  units can be taken together to form:
- a) a carbonyl moiety;
  - b) a  $C_3$ - $C_6$  spiroannulated ring;
  - c) a heterocyclic aromatic ring comprising from 5 to 7 atoms;
  - d) a non-heterocyclic aromatic ring comprising from 5 to 7 atoms;
  - e) a heterocyclic ring comprising from 5 to 7 atoms;
  - f) a non-heterocyclic ring comprising from 5 to 7 atoms;
  - g) or mixtures thereof;
- vi) and mixtures thereof; and  
the index n is an integer from 1 to 3;

b) ~~optionally at least 0.01% by weight, of an~~ wherein said  $\beta$ -amino pro-  
fragrance component, ~~said pro fragrance having~~ has the formula:



wherein  $G^1$  is  $C_1$ - $C_4$  alkyl, -CN, -C(O) $Y^1$ , -CO $_2Y^1$ ,  $Y^2$ , and mixtures thereof;  $G^2$  is  $C_1$ - $C_4$  alkyl, -CN, -C(O) $Y^1$ , -CO $_2Y^1$ ,  $Y^2$ , and mixtures thereof;  $Y^1$  and  $Y^2$  are each independently  $C_1$ - $C_4$  alkyl, or a unit having the formula:



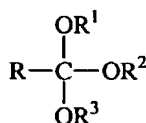
wherein  $R^6$ ,  $R^7$ , and  $R^8$  are each independently hydrogen,  $C_1$ - $C_4$  alkyl, and mixtures thereof;  $R^6$  and  $R^7$  can be taken together to form an exocyclic double bond with the ring; any two  $R^6$  and  $R^7$ , or an  $R^6$  and  $R^7$  with an  $R^8$  can be taken together to form an endocyclic double bond within the ring; two or more  $R^6$ ,  $R^7$ , and  $R^8$  units may be taken together to form one or more  $C_3$ - $C_7$  fused rings, bicyclic rings, or spiroannular rings;  $m$  is from 1 to 5;

provided one  $G^1$  or  $G^2$  is  $-C(O)Y^1$ ,  $-CO_2Y^1$ , or  $-CN$ ;  $R$  and  $R^1$  are each independently hydrogen,  $C_1$ - $C_{22}$  substituted or unsubstituted, branched or unbranched alkyl,  $C_2$ - $C_{22}$  substituted or unsubstituted, branched or unbranched alkenyl,  $C_2$ - $C_{20}$  substituted or unsubstituted, branched or unbranched hydroxyalkyl,  $C_7$ - $C_{20}$  substituted or unsubstituted alkylenearyl,  $C_3$ - $C_{20}$  substituted or unsubstituted cycloalkyl, alkyleneoxy units having the formula:



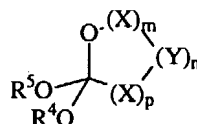
wherein  $R^4$  is  $C_2$ - $C_4$  alkylene,  $R^5$  is hydrogen,  $C_1$ - $C_4$  alkyl, and mixtures thereof,  $x$  is from 1 to 6;  $C_6$ - $C_{20}$  aryl,  $C_5$ - $C_{20}$  heteroaryl comprising one or more heteroatoms selected from the group consisting of nitrogen, oxygen, sulfur, and mixtures thereof;  $R$  and  $R^1$  can be taken together to form one or more aromatic or non-aromatic, heterocyclic or non-heterocyclic, single rings, fused rings, bicyclo rings, spiroannulated rings, or mixtures thereof, said rings comprising from 2 to 20 carbon atoms and one or more heteroatoms selected from the group consisting of nitrogen, oxygen, sulfur, and mixtures thereof; and

e) ~~optionally at least 0.01% by weight, of an~~ wherein said orthoester pro-  
 accord ~~having~~ has the formula:



wherein  $R$  is hydrogen,  $C_1$ - $C_8$  linear alkyl,  $C_4$ - $C_{20}$  branched alkyl,  $C_6$ - $C_{20}$  cyclic alkyl,  $C_6$ - $C_{20}$  branched cyclic alkyl,  $C_6$ - $C_{20}$  linear alkenyl,  $C_6$ - $C_{20}$  branched alkenyl,  $C_6$ - $C_{20}$  cyclic alkenyl,  $C_6$ - $C_{20}$  branched

cyclic alkenyl, C<sub>6</sub>-C<sub>20</sub> substituted or unsubstituted aryl, and mixtures thereof; R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are independently C<sub>1</sub>-C<sub>20</sub> linear, branched, or substituted alkyl; C<sub>2</sub>-C<sub>20</sub> linear, branched, or substituted alkenyl; C<sub>5</sub>-C<sub>20</sub> substituted or unsubstituted cyclic alkyl; C<sub>6</sub>-C<sub>20</sub> substituted or unsubstituted aryl, C<sub>2</sub>-C<sub>40</sub> substituted or unsubstituted alkyleneoxy; C<sub>3</sub>-C<sub>40</sub> substituted or unsubstituted alkyleneoxyalkyl; C<sub>6</sub>-C<sub>40</sub> substituted or unsubstituted alkylenearyl; C<sub>6</sub>-C<sub>32</sub> substituted or unsubstituted aryloxy; C<sub>6</sub>-C<sub>40</sub> substituted or unsubstituted alkyleneoxyaryl; C<sub>6</sub>-C<sub>40</sub> oxyalkylenearyl, and mixtures thereof; or a cyclic orthoester having the formula:

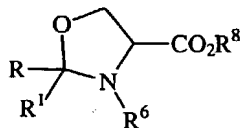


wherein at least one R<sup>4</sup> or R<sup>5</sup> is derived from a fragrance raw material alcohol, each X is -C(R<sup>6</sup>)<sub>2</sub>- wherein each R<sup>6</sup> is independently hydrogen, C<sub>1</sub>-C<sub>22</sub> linear or branched alkyl, C<sub>2</sub>-C<sub>22</sub> linear or branched alkenyl, C<sub>6</sub>-C<sub>22</sub> substituted or unsubstituted aryl, and mixtures thereof, Y is -CR<sup>7</sup>R<sup>8</sup>-, C=O, and mixtures thereof, wherein R<sup>7</sup> and R<sup>8</sup> are independently hydrogen, hydroxyl, nitro, nitrilo, C<sub>1</sub>-C<sub>30</sub> substituted or unsubstituted linear alkyl, C<sub>3</sub>-C<sub>30</sub> substituted or unsubstituted branched alkyl, C<sub>3</sub>-C<sub>30</sub> substituted or unsubstituted cyclic alkyl, C<sub>2</sub>-C<sub>30</sub> substituted or unsubstituted linear alkenyl, C<sub>3</sub>-C<sub>30</sub> substituted or unsubstituted branched alkenyl, C<sub>3</sub>-C<sub>30</sub> substituted or unsubstituted cyclic alkenyl, C<sub>2</sub>-C<sub>30</sub> substituted or unsubstituted linear alkynyl, C<sub>3</sub>-C<sub>30</sub> substituted or unsubstituted branched alkynyl, C<sub>6</sub>-C<sub>30</sub> substituted or unsubstituted alkylenearyl, C<sub>6</sub>-C<sub>30</sub> substituted or unsubstituted aryl, C<sub>2</sub>-C<sub>20</sub> substituted or unsubstituted alkyleneoxy, C<sub>3</sub>-C<sub>20</sub> substituted or unsubstituted alkyleneoxyalkyl, C<sub>7</sub>-C<sub>20</sub> substituted or unsubstituted alkylenearyl, C<sub>6</sub>-C<sub>20</sub> substituted or unsubstituted alkyleneoxyaryl, and mixtures thereof, or R<sup>7</sup> and R<sup>8</sup> can be taken together to form a spiroannulated ring or taken together with any R<sup>6</sup> to form a fused ring, said spiroannulated or fused

ring having from 3 to 8 carbons and optionally one or more heteroatoms in said ring, said ring further optionally substituted by one or more C<sub>1</sub>-C<sub>22</sub> alkyl, C<sub>1</sub>-C<sub>22</sub> alkenyl, C<sub>6</sub>-C<sub>12</sub> aryl, C<sub>6</sub>-C<sub>22</sub> alkylenearyl units, and mixtures thereof; m is from 0 to 14, p is from 0 to 14, and n is from 0 to 3; provided m + n + p is at least 1 and less than or equal to 14; and

B) ~~optionally from about 1% by weight, a fragrance raw material component comprising:~~ optionally, further comprising a fragrance raw material component selected from the group consisting of i) optionally at least 1% by weight, of a mixture of one or more base note fragrances; ii) optionally at least 1% by weight, of a mixture of one or more top or middle note fragrances; and iii) ~~optionally the balance carriers, fixatives, and other adjunct ingredients; mixtures thereof.~~

4. (Original) A composition according to Claim 1 wherein said aldehyde or ketone releasing pro-fragrance component releases a fragrance raw material selected from the group consisting of 4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde, phenylacetaldehyde, methylnonyl acetaldehyde, 2-phenylpropan-1-al, 3-phenylprop-2-en-1-al, 3-phenyl-2-pentylprop-2-en-1-al, 3-phenyl-2-hexylprop-2-enal, 3-(4-isopropylphenyl)-2-methylpropan-1-al, 3-(4-ethylphenyl)-2,2-dimethylpropan-1-al, 3-(4-*tert*-butylphenyl)-2-methylpropanal, 3-(3,4-methylenedioxyphenyl)-2-methylpropan-1-al, 3-(4-ethylphenyl)-2,2-dimethylpropanal, 3-(3-isopropylphenyl)butan-1-al, 2,6-dimethylhept-5-en-1-al, n-decanal, n-undecanal, n-dodecanal, 3,7-dimethyl-2,6-octadien-1-al, 4-methoxybenzaldehyde, 3-methoxy-4-hydroxybenzaldehyde, 3-ethoxy-4-hydroxybenzaldehyde, 3,4-methylenedioxybenzaldehyde, 3,4-dimethoxybenzaldehyde, and mixtures thereof.
5. (Original) A composition according to Claim 1 wherein said aldehyde or ketone releasing pro-fragrance component has the formula:

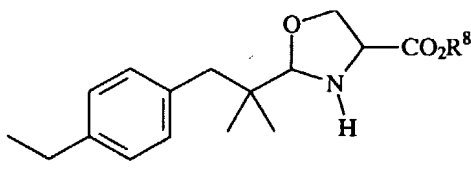


wherein R<sup>8</sup> is hydrogen, C<sub>1</sub>-C<sub>15</sub> substituted linear alkyl, C<sub>1</sub>-C<sub>15</sub> unsubstituted linear alkyl, C<sub>1</sub>-C<sub>15</sub> substituted branched alkyl, C<sub>1</sub>-C<sub>15</sub> unsubstituted branched alkyl, C<sub>2</sub>-C<sub>22</sub> substituted

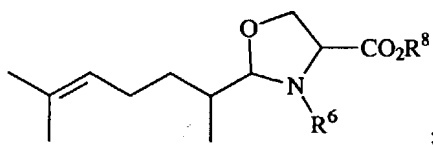
or unsubstituted linear alkenyl, C<sub>3</sub>-C<sub>22</sub> substituted or unsubstituted branched alkenyl, or mixtures thereof.

6. (Original) A composition according to Claim 1 wherein said aldehyde or ketone releasing pro-fragrance component is selected from the group consisting of:

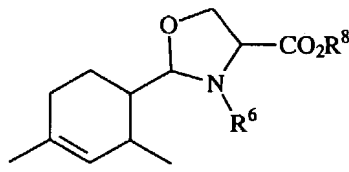
a)



b)



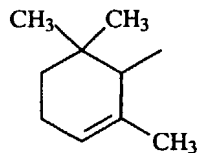
c)



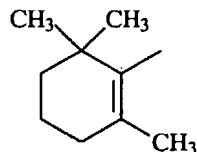
d) and mixtures thereof.

7. (Original) A composition according to Claim 1 further comprising at least 0.01% by weight, of a pro-accord which releases  $n + 1$  fragrance raw materials wherein  $n$  is the number of fragrance raw materials from which said pro-accord is formed,  $n$  is from 1 to 3.
8. (Original) A composition according to Claim 1 wherein said  $\beta$ -amino pro-fragrance component comprises a G<sup>2</sup> unit which is methyl and a G<sup>1</sup> unit which is -C(O)Y<sup>1</sup> wherein Y<sup>1</sup> is selected from the group consisting of:
- i) 2,6,6-trimethylcyclohex-2-enyl having the formula:

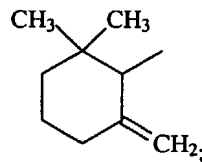




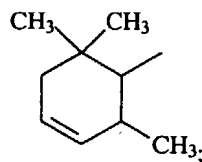
- ii) 2,6,6-trimethylcyclohex-1-enyl having the formula:



- iii) 2-methylene-6,6-dimethylcyclohexanyl having the formula:



- iv) 2,6,6-trimethylcyclohex-3-enyl having the formula:



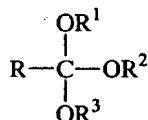
- v) and mixtures thereof.

9. (Original) A fragrance delivery system comprising:

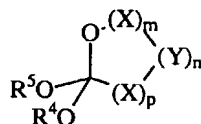
- a) from about 0.1% by weight, of a  $\beta$ -amino ketone pro-fragrance selected from the group consisting of 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-3-N,N-bis(5-hydroxy-3-oxapentyl)-1-butanone, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-3-N,N-bis(2-hydroxyethyl)-1-butanone, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-3-N-(5-hydroxy-3-oxapentyl)-1-butanone, and mixtures thereof;
- b) from about 0.2% by weight, of an aldehyde releasing pro-fragrances selected from the group consisting of 2-(6-methyl-5-hepten-2-yl)-3-(1-methylethyl)-4-oxazolidinecarboxylic acid methyl ester, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-3-(1-methylethyl)-4-oxazolidinecarboxylic acid methyl ester, and mixtures thereof;

- c) optionally from about 0.1% by weight, of one or more alcohol releasing pro-fragrances or pro-accords;
  - d) from about 0.1% by weight, of one or more fragrance raw materials;
  - e) optionally, from about 1% by weight, of pre-blended perfume ingredients of fragrance raw material accords; and
  - f) the balance carriers.
10. (Original) A composition according to Claim 9 wherein said alcohol releasing pro-fragrances or pro-accords are selected from the group consisting of tris-geranyl orthoformate, tris(*cis*-3-hexen-1-yl) orthoformate, tris(phenylethyl) orthoformate, tris(undecavertyl) orthoformate, bis(citronellyl) ethyl orthoacetate, tris(citronellyl) orthoformate, tris(*cis*-6-nonenyl) orthoformate, tris(phenoxyethyl) orthoformate, tris(geranyl, neryl) orthoformate (70:30 geranyl:neryl), tris(9-decenyl) orthoformate, tris(3-methyl-5-phenylpentanyl) orthoformate, tris(6-methylheptan-2-yl) orthoformate, tris([4-(2,2,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-yl] orthoformate, tris[3-methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-yl] orthoformate, trismenthyl orthoformate, tris(4-isopropylcyclohexylethyl-2-yl) orthoformate, tris-(6,8-dimethylnonan-2-yl) orthoformate, tris-phenylethyl orthoacetate, tris(*cis*-3-hexen-1-yl) orthoacetate, tris(*cis*-6-nonenyl) orthoacetate, tris-citronellyl orthoacetate, bis(geranyl) benzyl orthoacetate, tris(geranyl) orthoacetate, tris(4-isopropylcyclohexylmethyl) orthoacetate, tris(benzyl) orthoacetate, tris(2,6-dimethyl-5-heptenyl) orthoacetate, bis(*cis*-3-hexen-1-yl) amyl orthoacetate, and neryl citronellyl ethyl orthobutyrate, and mixtures thereof.
11. (Original) A composition according to Claim 9 wherein said alcohol releasing pro-fragrances or pro-accords are selected from the group consisting of bis(ethyl) bis(geranyl) orthocarbonate, bis(ethyl) bis(phenylethyl) orthocarbonate, bis(ethyl) bis(*cis*-3-hexenyl) orthocarbonate, bis(ethyl) bis(citronellyl) orthocarbonate, bis(ethyl) bis(linalyl) orthocarbonate, bis(ethyl) bis(menthyl) orthocarbonate, bis(dodecyl) bis(geranyl) orthocarbonate, and bis(dodecyl) bis(phenylethyl) orthocarbonate, and mixtures thereof.
12. (Original) A fine fragrance or perfume comprising:
- a) from about 0.1% by weight, of a  $\beta$ -amino pro-fragrance selected from the group consisting of 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-3-N,N-bis(5-hydroxy-3-

- oxapentyl)-1-butanone, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-3-N,N-bis(2-hydroxyethyl)-1-butanone, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-3-N-(5-hydroxy-3-oxapentyl)-1-butanone, and mixtures thereof;
- b) from about 0.2% by weight, of an aldehyde releasing pro-fragrances selected from the group consisting of 2-(6-methyl-5-hepten-2-yl)-3-(1-methylethyl)-4-oxazolidinecarboxylic acid methyl ester, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-3-(1-methylethyl)-4-oxazolidinecarboxylic acid methyl ester, and mixtures thereof;
- c) optionally from about 0.1% by weight, of one or more orthoester pro-accords; and
- d) the balance carriers.
13. (Original) A composition according to Claim 12 wherein said pro-accords have the formula:



wherein R is hydrogen, C<sub>1</sub>-C<sub>8</sub> linear alkyl, C<sub>4</sub>-C<sub>20</sub> branched alkyl, C<sub>6</sub>-C<sub>20</sub> cyclic alkyl, C<sub>6</sub>-C<sub>20</sub> branched cyclic alkyl, C<sub>6</sub>-C<sub>20</sub> linear alkenyl, C<sub>6</sub>-C<sub>20</sub> branched alkenyl, C<sub>6</sub>-C<sub>20</sub> cyclic alkenyl, C<sub>6</sub>-C<sub>20</sub> branched cyclic alkenyl, C<sub>6</sub>-C<sub>20</sub> substituted or unsubstituted aryl, and mixtures thereof; R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are independently C<sub>1</sub>-C<sub>20</sub> linear, branched, or substituted alkyl; C<sub>2</sub>-C<sub>20</sub> linear, branched, or substituted alkenyl; C<sub>5</sub>-C<sub>20</sub> substituted or unsubstituted cyclic alkyl; C<sub>6</sub>-C<sub>20</sub> substituted or unsubstituted aryl, C<sub>2</sub>-C<sub>40</sub> substituted or unsubstituted alkyleneoxy; C<sub>3</sub>-C<sub>40</sub> substituted or unsubstituted alkyleneoxyalkyl; C<sub>6</sub>-C<sub>40</sub> substituted or unsubstituted alkylenearyl; C<sub>6</sub>-C<sub>32</sub> substituted or unsubstituted aryloxy; C<sub>6</sub>-C<sub>40</sub> substituted or unsubstituted alkyleneoxyaryl; C<sub>6</sub>-C<sub>40</sub> oxyalkylenearyl, and mixtures thereof; or a cyclic orthoester having the formula:



wherein at least one  $R^4$  or  $R^5$  is derived from a fragrance raw material alcohol, each X is  $-C(R^6)_2-$  wherein each  $R^6$  is independently hydrogen,  $C_1$ - $C_{22}$  linear or branched alkyl,  $C_2$ - $C_{22}$  linear or branched alkenyl,  $C_6$ - $C_{22}$  substituted or unsubstituted aryl, and mixtures thereof, Y is  $-CR^7R^8-$ ,  $C=O$ , and mixtures thereof, wherein  $R^7$  and  $R^8$  are independently hydrogen, hydroxyl, nitro, nitrilo,  $C_1$ - $C_{30}$  substituted or unsubstituted linear alkyl,  $C_3$ - $C_{30}$  substituted or unsubstituted branched alkyl,  $C_3$ - $C_{30}$  substituted or unsubstituted cyclic alkyl,  $C_2$ - $C_{30}$  substituted or unsubstituted linear alkenyl,  $C_3$ - $C_{30}$  substituted or unsubstituted branched alkenyl,  $C_3$ - $C_{30}$  substituted or unsubstituted cyclic alkenyl,  $C_2$ - $C_{30}$  substituted or unsubstituted linear alkynyl,  $C_3$ - $C_{30}$  substituted or unsubstituted branched alkynyl,  $C_6$ - $C_{30}$  substituted or unsubstituted alkylenearyl,  $C_6$ - $C_{30}$  substituted or unsubstituted aryl,  $C_2$ - $C_{20}$  substituted or unsubstituted alkyleneoxy,  $C_3$ - $C_{20}$  substituted or unsubstituted alkyleneoxyalkyl,  $C_7$ - $C_{20}$  substituted or unsubstituted alkylenearyl,  $C_6$ - $C_{20}$  substituted or unsubstituted alkyleneoxyaryl, and mixtures thereof, or  $R^7$  and  $R^8$  can be taken together to form a spiroannulated ring or taken together with any  $R^6$  to form a fused ring, said spiroannulated or fused ring having from 3 to 8 carbons and optionally one or more heteroatoms in said ring, said ring further optionally substituted by one or more  $C_1$ - $C_{22}$  alkyl,  $C_1$ - $C_{22}$  alkenyl,  $C_6$ - $C_{12}$  aryl,  $C_6$ - $C_{22}$  alkylenearyl units, and mixtures thereof; m is from 0 to 14, p is from 0 to 14, and n is from 0 to 3; provided m + n + p is at least 1 and less than or equal to 14.

12 14

(Original) A composition according to Claim 12 wherein said orthoester pro-accords release one or more fragrance raw material alcohols selected from the group consisting of 4-(1-methylethyl)cyclohexanemethanol, 2,4-dimethyl-3-cyclohexen-1-ylmethanol, (2,4-dimethylcyclohex-1-yl)methanol, (2,4,6-trimethyl-3-cyclohexen-1-yl)methanol, 2-phenylethanol, 1-(4-isopropylcyclohexyl)-ethanol, 2,2-dimethyl-3-(3-methylphenyl)propan-1-ol, 3-phenyl-2-propen-1-ol, 2-methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol, 3-methyl-5-phenylpentan-1-ol, 3-methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol, 2-methyl-4-phenylpentan-1-ol, *cis*-3-hexen-1-ol, 3,7-dimethyl-6-octen-1-ol, 3,7-dimethyl-2,6-octadien-1-ol, 7-methoxy-3,7-dimethyloctan-2-ol, 6,8-dimethylnonan-2-ol, *cis*-6-nonen-1-ol, 2,6-nonadien-1-ol, 4-methyl-3-decen-5-ol, benzyl alcohol, 2-methoxy-4-(1-propenyl)phenol, 2-methoxy-4-(2-propenyl)phenol, and mixtures thereof.

- 13 15. (Original) A composition according to Claim 1 wherein said orthoester pro-accord is a pro-accord which comprises  $n$  fragrance raw materials, said fragrance raw materials having a molecular weight greater than or equal to about 100 g/mol and capable of releasing upon hydrolysis  $n + 1$  fragrance raw materials, provided said pro-accord:
- a) has a molecular weight greater than or equal to about 300 g/mol;
  - b) has a molecular weight at least two times greater than the lowest molecular weight fragrance raw material which comprises said pro-accord; and
  - c) has a fragrance release half-life of greater than or equal to 0.1 hours at pH 5.3 and less than or equal to about 12 hours at pH 2.5 when measured in  $\text{NaH}_2\text{PO}_4$  buffer;
- wherein  $n$  is an integer from 1 to 3.